1.	Record Nr.	UNISA996465286303316
	Titolo	Advances in Petri Nets 1988 [[electronic resource] /] / edited by Grzegorz Rozenberg
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1988
	ISBN	3-540-46059-4
	Edizione	[1st ed. 1988.]
	Descrizione fisica	1 online resource (VI, 440 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 340
	Disciplina	004.0151
	Soggetti	Computers Architecture, Computer Computer communication systems Algorithms Computer logic Microprocessors Computation by Abstract Devices Computer System Implementation Computer Communication Networks Algorithm Analysis and Problem Complexity Logics and Meanings of Programs Processor Architectures
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	An environment for object-oriented conceptual programming based on PROT nets -- OBJSA Nets: a class of high-level nets having objects as domains -- On internal and external characterisations of PT-net building block behaviour -- Timed Petri Net schedules -- An exercise in concurrency: A CSP process as a condition/event system -- A survey on the decidability questions for classes of fifo nets -- The construction of EN systems from a given trace behaviour -- Programming a closely coupled multiprocessor system with high level petri nets -- Music description and processing by Petri Nets -- On questions of fairness and temporal logic for conflict-free Petri nets --

Infinitary partial Petri net languages and their relationship to other Petri net semantics -- Net representation of sentences in natural languages -- Some consequences of the decidability of the reachability problem for Petri nets -- Experiences in the use of galileo to design telecommunication systems -- Compositional semantics of pure place/transition systems -- Occurrence traces -- Performance evaluation of interpreted bipolar synchronization schemes using G.E.R.T. -- On the generation of organizational architectures using Petri Nets -- On the computation of structural synchronic invariants in P/T nets -- On the implementation of Petri nets.

Sommario/riassunto	The idea behind the series of volumes Advances in Petri Nets is to present to the general computer science community recent results which are the most representative and significant for the development in this area. The main source for the papers for "Advances" are the annual "European Workshops on Applications and Theory of Petri Nets"; the "best" papers from the latest workshops are considered for the series, i.e. they are reviewed again and revised or extended accordingly. In addition to the workshop papers, the "Advances" also present invited papers submitted directly for publication. The present volume Advances in Petri Nets 1988 covers the 8th "European Workshop on Applications and Theory of Petri Nets" held in Zaragoza, Spain in June 1987. It also contains a survey on decidability questions for classes of FIFO nets by A. Finkel and L.E. Rosier.